Use Attainability Analysis

for

WBID 1574 W. Piney Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 18, 2005

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): W.	Piney Creek				
8-digit HUC: 10290202					
Missouri WBID #: 1574	JUL 1 8 2005				
County: Texas	Marco Lu corre				
Upstream Legal Description: NW1/4 SE1/4 Sec.5 T.29N.,	R.11W.				
Downstream Legal Description: NE1/4 NW1/4 Sec. # T.29N	., R.11W.				
Upstream Coordinates: N. 37.23587 W. 92.16729					
Downstream Coordinates: N. 37.25451 W. 92.15075					
Discharger Facility Name(s): NA					
Discharger Permit Number(s): NA					
Number of Sites Evaluated: 3					
Name of Surveyor and Telephone Number: Dennis Meinert 314-416-2960					
Organization: Department of Natural Resources, SWCP					
Position: Soil Scientist					

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Dennis, M. Meinert Date: 06/27/05_

September 29, 2004

Page 1

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

like CDC Coordi			APPROXICATIVE TO CONTINUE OF THE CONTINUE OF T		./4 NW1/4 Se		
line Gra Cooldii	nates: N. 37.25	151 W	. 92.15075				
Date & Time: 6/	27/05 11:55	ım	Facility Na	me: NA			
Personnel: Denn	is Meinert, John	Horton	Permit Numb	er: NA			
Current Weather	Conditions: Clea	ar, sunny	Weather Con	ditions f	or Past 7 day	ys: Sc	attered showers
Photo Ids: Ups	tream: WBU1574-0:	Downst	ream: WBD1574	1-01	Other: WBE1	574-01	d .
Uses Observe	ed*:						
Swimming	Skin Diving	Scu	aba diving	Tubing		Wat	ter skiing
Wind surfing	Kayaking	Bos	ating	Wading		Ra	fting
Hunting	Trapping	Fis	shing	I None o	f the above	ot1	her:
	Conditions*: idence or unusu				mpede recrea	ationa	al uses. Attach
	idence or unusu	al items		:.)	mpede recrea		al uses. Attach
photos of ev	idence or unusu	unds	of interest	ion lands		ceas	
photos of ev	oarks Playgro	ounds	of interest	ion lands	Urban ar	ceas	Campgrounds
City/county p Boating acces No trespass s	oarks Playgro	ounds	MDC conservat	ion lands	Urban an	ceas	Campgrounds
City/county p Boating acces No trespass s	idence or unusus parks Playgrous sees State parks sign Fence	ounds	MDC conservat	ion lands	Urban an	ceas crails private	Campgrounds
City/county p Boating acces No trespass s Evidence of	idence or unusurants arks Playgrouses State processing Fence Human Use*:	ounds	of interest MDC conservat National fore Steep slopes	ion lands	Urban an Nature t X_ Other: [ceas crails private	Campgrounds Stairs/walkway property
photos of ev City/county p Boating acces No trespass s Evidence of	idence or unusurants arks Playgra sees State proper sign Fence Human Use*: Foot paths/p	ounds	MDC conservat National fore Steep slopes Dock/platform	ion lands	Urban an Nature t X_ Other: I	ceas crails private	Campgrounds Stairs/walkway property RV / ATV Tracks

labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID #: WB1574-01

Stream Morphology:

Width (ft):

Present?

Pool

Flow

Length (ft):

No

Upstr	eam View Physical	Dimensions: Smal	l pool from rain observed.
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft): Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft): Max. Depth (ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft): Max. Depth (ft):
Flow	Present? Yes	No	Estimated (ft3/sec):
Downst	ream View Physical	Dimensions: Small	pool from rain observed.
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft): Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft): Max. Depth (ft):

į.	Substrate*:	(These values	should add up to	0 100%.)		
	5% Cobble	95% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock

Avg. Depth (ft):

Estimated (ft3/sec):

Max. Depth (ft):

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

none

Water Characteristics*: (Mark all that apply.)

Yes

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other: None
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	oil	Soum	Foam	None	Other:

Comments: Please attach additional comments (including information from interviews) to this form.

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I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Dan	mis M. Meiner . Date: 06/27/05	
Organization:	Department of Natural Resources SWCP	
Position:	Soil Scientist	

Photo # 1574 –Downstream #1



Photo # 1574 –Upstream #1



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	WB1574-02	Site Loca	tion Descri	ption: NW1,	/4 NW1/4 SEC	.4 T.2	ON. R.11W.
Site GPS Coordin	ates: N. 37.2471	5 W.	92.15614				
Date & Time: 6/2	7/05 12:00 p	m	Facility N	ame: NA			
Personnel: Denni	s Meinert, John	Horton	Permit Num	ber: NA			
Current Weather	Conditions: Clea	r, sunny	Weather Co	nditions fo	or Past 7 da	ys: Sca	attered showers
Photo Ids: Upst	ream: WBU1574-02	Downst	ream: WBD157	74-02	Other: WBE1	574-02	
Uses Observe	: d*:						
Swimming	Skin Diving	Scu	ba diving	Tubing		Wat	er skiing
Wind surfing	Kayaking	Воа	ting	Wading		Rai	ting
Hunting	Trapping	Fis	hing	_I_ None of	the above	oti	ner:
	Conditions*:				mpede recre	ationa	l uses. Attach
City/county pa	rks Playgro	unds	MDC conserva	ation lands	Urban a	reas	Campgrounds
Boating access	ses State p	arks	National for	10-1 - 10 2 U20	***********	rails	
No trespass s			Macronar ros	rests	Nature		Stairs/walkway
	.gn Fence		Steep slopes		Nature		
	Fence Human Use*:	_			-		
	1—			•	-	rivate p	
Evidence of	Human Use*:	rints	Steep slopes	n Lives	_X_ Other:p:	rivate p	property
Evidence of	Human Use*: Foot paths/p: Camping Site:	rints	Steep slopes	n Lives	_X_ Other:p	rivate p	eroperty RV / ATV Tracks

labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #: WB1574-02

Stream Morphology:

Upstream View Physical Dimensions:

Run	Width (f	t):	Length (ft):	Avg. Depth (ft):	Max.	Depth	(ft):
Pool	Width (f	12'	Length (ft): 38'	Avg. Depth (ft): 5"	Max.	Depth	(ft): 8"
Flow	Present?	Yes	No	Estimated (ft3/sec):			

Downstream View Physical Dimensions:

Flow	Present?	Yes No		Estin	nated	(ft3/sec):			
Pool	Width (ft):	Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Run	Width (ft):	Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Riffle	Width (ft):	10' Length	(ft): 120'	Avg.	Depth	(ft): 2"	Max.	Depth	(ft): 4"

Substrate*: (These values should add up to 100%.)

	45% Cobble	55% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
- 1		The state of the s		The state of the s		

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

35% Algae growth on rocks.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	oil	Scum	Foam	None	Other:

Comments: Please attach additional comments (including information from interviews) to this form.

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Signed: De	nns M. Meiner Date: 06/27/05
Organization:	Department of Natural Resources SWCP
Position:	Soil Scientist

Photo # 1574 –Downstream #2



Photo # 1574 – Upstream #2



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	WB15	74-03	Site Loca	ation Descrip	tion: NW1	/4 SE1/4 SEC.5	T.29N. R.	llw.
Site GPS Coordin	ates:	N37.23587	W92.167	29				
Date & Time: 6/2	7/05	12:35 p	m	Facility Na	me: NA			
Personnel: Denni	s Mei	nert, John	Horton	Permit Numb	er: NA			
Current Weather	Condi	tions: Clou	dy	Weather Con	ditions f	or Past 7 days	: Scattere	d showers
Photo Ids: Upst	ream:	WB1574-03	Downst	ream: WB1574	-03	Other:		
Uses Observe	d*:							-
Swimming	T_	Skin Diving	Sct	nha diving	Tubing		Water ski	ling
Wind surfing		Kayaking	Вог	ating	Wading	-	Rafting	
Hunting	Hunting Trapping		Fi	shing	_X_ None o	f the above	Other:	
Surrounding photos of evi						mpede recreat	ional use	es. Attach
City/county pa	rks	Playgrou	unds	MDC conserva	tion lands	Urban area	Urban areas Campgroun	
Boating access	es	State pa	State parks Natio		ests	Nature tra	ils s	tairs/walkway
No trespass si	.gn	Pence		Steep slopes		_X_ Other: private property		rty
Evidence of	Huma	n Use*:						
Roads	_ 1	oot paths/pr	ints	Dock/platform	Live	stock Watering	RV / 2	ATV Tracks
Rope swing	_ (Camping Sites		Fire pit/ring	NPDE	S Discharge	Fishin	ng Tackle
X Other: equipme	nt st	orage in ripa	arian area					
Site Location labeled. Max					The state of the s	t with assess		

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Data Sheet B - Site Characterization

Page Two - WBID #: WB1574-03

ft): Yes Physical ft): ft):	Length (ft): No Dimensions: Length (ft): Length (ft): Length (ft):	Avg. Dept Avg. Dept Estimated Avg. Dept Avg. Dept	th (ft): d (ft3/sec):	Max. Dept	20. Town to 19
? Yes w Physical ft): ft): ft):	No Dimensions: Length (ft): Length (ft):	Estimated	d (ft3/sec):		h (ft):
w Physical ft): ft): ft):	Dimensions: Length (ft): Length (ft):	Avg. Dep		Max. Dept	
ft): ft): ft): 25'	Length (ft):		th (ft):	Max. Dept	
ft): ft): ft): 25'	Length (ft):		th (ft):	Max. Dept	
ft): 25'		Avg. Dep			h (ft):
	Length (ft): 1		th (ft):	Max. Dept	h (ft):
? Yes		194' Avg. Dep	th (ft): 11"	Max. Dept	h (ft): 20
	No	Estimate	d (ft3/sec):		
(These value	nes should add	up to 100%)			
1,030		ľ	1t % Mud	/Clav	% Bedroc
teristics*	: (Mark all th	nat apply.)			
teristics* Sewage	: (Mark all th	chemical	None	Other:	
			None Milky	Other:	
Sewage	Musky	Chemical	Milky	(100/2000)	
	90% Gravel	90% Gravel 5 % Sand		90% Gravel 5 % Sand % Silt % Mud	

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

Photo # 1574 –Downstream #3



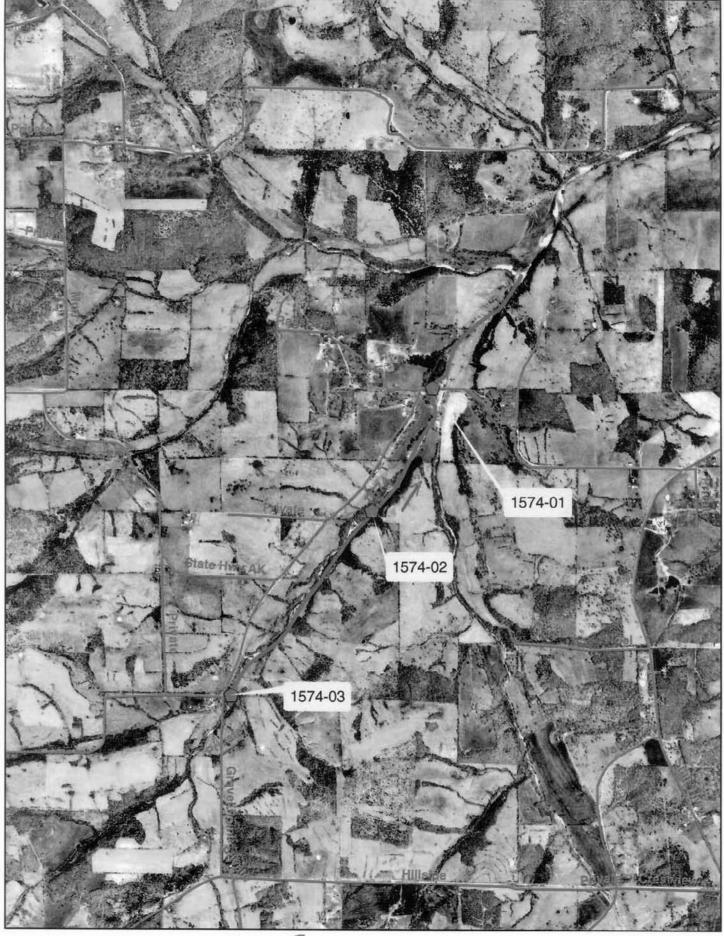
Photo # 1574 – Upstream #3



STREAM NAME

W. Piney Creek

РНОТО	WBID	UP	DOWN	USE	COMMENTS
1	1574	Х		Gravel mining	No water (small pool)
2	1574		Х	Gravel mining	No water (small pool)
3	1574			road	Gravel mining
4	1574	Х		No use	Pool
5	1574		X	No use	riffle
6	1574			road	
7	1574	Х		No use	Riffle
8	1574		X	No use	pool
9					
10					
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